

PURCHASE DESCRIPTION  
TECHNICAL REQUIREMENTS FOR TABLES

The requirements herein are applicable to all tables except occasional types.

**Performance Testing.**

Products offered are required to meet the following applicable test requirements. The issue of the referenced standard in effect on the date of the issuance of the solicitation shall apply. During the contract period, products manufactured must meet the applicable standards in effect at the time of manufacture. Copies of the referenced document may be obtained from the issuing organization at the address given in the solicitation.

**Tests applicable to round, square, and rounded square tables (all styles, folding and non-folding):**

Test the above tables according to sections 4, 5, 11, 12, and 13 in ANSI/BIFMA X5.5 with the below listed changes and additions. Complete tables must be tested. Tops and bases shall not be tested separately. Test only the worst case example table having the same base construction and top attachment method. Tables or series of tables with different base constructions and/or top attachment methods must be tested individually as complete tables. When the same table series is offered with both a plastic laminate and wood veneer top, only one of the two versions need be tested.

Changes/additions to ANSI/BIFMA X5.5:

Delete all references to "drawers" in the tests.

4.2, Unit Static Load Tests: Use loads in Table 1 for Primary surface class.

5.2, Test setup. Reduce load to 68 kg. Apply load in center of table top.

11.4, Acceptance level. No structural damage or loss of serviceability is acceptable after testing.

12., Leg Strength Test. Applicable to all base designs including tables with non-adjustable glides.

In addition to the above test, test center column tables in accordance with Section 13., Stability test for tables, with the following modifications:

- 13.1 Purpose of test. To determine table top deflection under load and permanent set of top.
- 13.3.2 Test Procedure, add:
- (d) Securely attach table to test platform.
  - (e) Position a dial indicator to contact the top within 25 mm of the edge, under where test load is to be applied.
  - (f) Record reference reading before load is applied.
  - (g) Apply 57 kg load to the wood disc.
  - (h) After 15 minutes, record second dial indicator reading and determine total deflection.
  - (i) Remove load.
  - (j) Allow table to stabilize for 15 minutes, then record final dial indicator reading and determine permanent set.
- 13.3.3 Acceptance level. Max. total deflection = 0.016 mm/mm dia.; Max. permanent set = 0.002 mm/mm dia.

**Tests applicable to oblong tables (shapes having length greater than width, such as rectangular, rounded rectangular, oval, boat, race track, etc.) (all styles, folding and non-folding) and system tables:**

Test the above tables according to sections 4, 5, 10, 11, 12, and 13 in ANSI/BIFMA X5.5 with the below listed changes and additions. Complete tables must be tested. Tops and bases shall not be tested separately. Test only the worst case example table having the same base construction and top attachment method. Tables or series of tables with different base constructions and/or top attachment methods must be tested individually as complete tables. When the same table series is offered with both a plastic laminate and wood veneer top, only one of the two versions need be tested.

Test “system tables” as individual tables, detached from each other. When straight and corner bridge tops are offered as part of a table system, they shall be tested in the following way: Attach bridge top to adjacent tables. Test bridge top in accordance with sections 4 (primary surfaces) and 5 in ANSI/BIFMA X5.5.

Changes/additions to ANSI/BIFMA X5.5:

Delete all references to “drawers” in the tests.

4.2, Unit Static Load Tests: Use loads in Table 1 for Primary surface class.

10., Racking test. Applicable only to maximum 3050 mm long tables, provided bases on longer length tables are attached the same way to the top.

10.4, Acceptance level. No structural damage or loss of serviceability is acceptable after testing.

11.4, Acceptance level. No structural damage or loss of serviceability is acceptable after testing.

12., Leg Strength Test. Applicable to all base designs including tables with non-adjustable glides.

### **Test Reporting and Certification Requirements.**

Manufacturers must provide to GSA a test certification stating that newly offered products have been tested and have passed the applicable test requirements (as stated in the requirements for SIN 711-11, items currently under contract must be tested and certified by December 31, 2003). The certification must be included with the offer. Test reports used as the basis for the certification shall be retained by the manufacturer for the term of the contract. At any time, GSA may request a copy of the test report. Failure to provide the report may result in cancellation of the contract.

Certifications must be current and based on performance test reports not more than three years old at time of submittal of offer. All performance test reports and certifications must be updated when they are five years old or if any product changes occur during the five year period.

If the manufacturer is ISO 9001 registered and the tests were performed while the manufacturer was ISO 9001 registered, performance tests are valid for the term of the contract unless changes have been made to the product or test standard. A copy of the offeror's ISO 9001 registration showing compliance must be submitted with the reports/certifications. Manufacturers that become registered during the term of the contract must complete one successful test sequence after the registration.

Product changes include changes to the design, components or construction. If the test standard is revised during the term of the contract, the manufacturer will be required to retest in accordance with the new standard.

As a minimum, the test certification shall be submitted on company letterhead and shall include the following information:

- The manufacturer's name and model number of the item tested, or if appropriate, the product line tested and the date(s) of the tests;
- A statement that testing and certification apply to the product offered and that products offered meet all applicable test requirements;

- Signature, date and title of the company official accepting technical responsibility for testing.

**Contract Brochure Requirements.** Items which have been on contract, but have not as yet been tested to demonstrate compliance with the ANSI/BIFMA X5.5 performance requirements (5 year grace period), shall be so identified in the brochures and price lists. Items shall be clearly identified on an item-by-item or page-by-page basis, as applicable.